

# Juan Carlos Quirino Carrasco

---

GitHub: <https://github.com/QuirinoC>

Personal: +52 33 1212 7255

Email: [juanquirinoc@hotmail.com](mailto:juanquirinoc@hotmail.com)

## EDUCATION

---

**Instituto Tecnológico y de Estudios Superiores de Monterrey**

June 2021 (Expected)

B.S. Engineer's Degree in Computer Systems Engineering

## WORK EXPERIENCE

---

**Ctrl Sun**

September 2019 – November 2019

*QA Engineer*

- Improved test suite execution time from two days to 15 minutes by creating an automated testing tool in Python

**Relativity 6**

November 2019 – February 2020

*Data Science intern*

- Implemented an automated crawler to extract data from ~24000 unique items, deployed to AWS in a Docker container
- Used Dask (Distributed Pandas) for preprocessing tasks where dataset was bigger than memory

## PROJECTS

---

**HackMTY**

August 2019

*Hackathon – Skin disease classifier using deep learning*

- Implemented an image classifier using PyTorch with resnet50 for the convolution layers, trained own classification layer to identify six different skin diseases

**Gota Roja**

June – July 2018

*A platform to connect blood donors with those who need it*

- Implemented backend as RESTful API using node.js connected to Firebase to store data using Facebook login
- Created a chatbot over Facebook messenger using talkbot.io connected to the internal API

**MiBici**

May 2018

*Hackathon - Data analysis for a public bicycle service*

- Cleaned and extracted the data using Pandas, used matplotlib for visualization
- Created a web panel presented with JavaScript with JQuery and Google Maps API
- Used Python with Flask for the backend

## PROGRAMMING LANGUAGES

4 years: Python

1 year: C, JavaScript, Java

6 months: Go

## TRAINING

Backend developer

(Centraal Academy May – August 2018)

## AWARDS

First Place team CodeGDL Hackathon (May 2018)

Top 10 out of 100+ teams HackMTY(Sep 2019)

## TECHNOLOGIES

PyTorch, node.js, Pandas, SQL, Dask,  
MongoDB(NoSQL), Git, Bash, Firebase(Storage),  
Docker, Selenium, AWS

## ONLINE COURSES

Intro to deep learning (Udacity June 2019)

Learn Python (Codecademy June 2016)

Python Programming (Datacamp Jan-June 2018)

Data Analyst with Python (Datacamp Feb-June 2018)